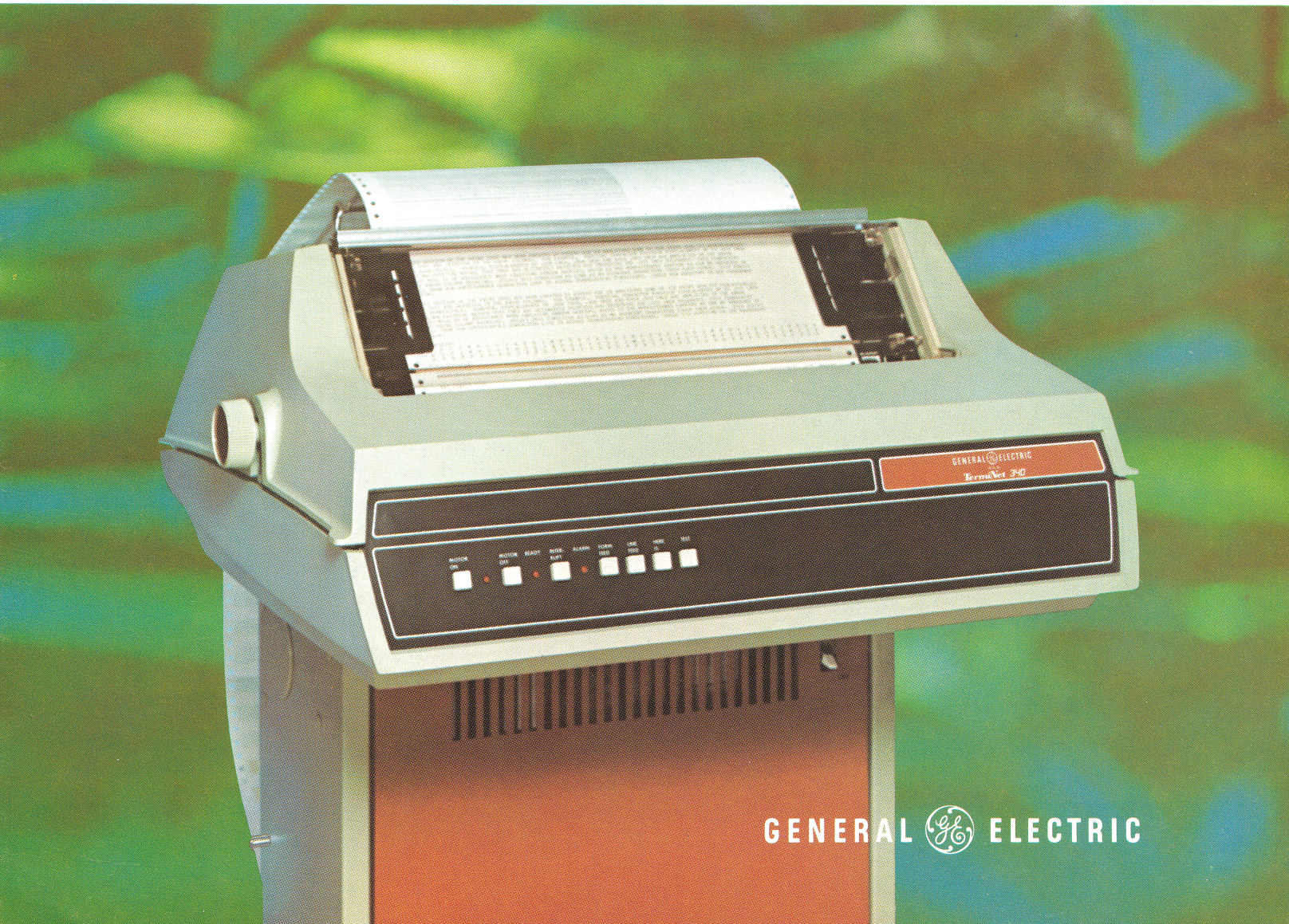
TermiNet® 310·340

Line Printers (115-340 lines per minute)

Small and quiet

Cost/Performance

Outstanding Reliability



GENERAL ELECTRIC

Value-packed true line printers with real 110-340 lpm throughput at practical low prices

General Electric's new TermiNet line printers: Small in size. Modular in design. Quiet in operation. Commonality in parts. Ease in troubleshooting. High in performance. Low in price. It all adds up to one of the best cost/performance line printers available today.

Whether you need low speed throughput or a high speed throughput, the TermiNet 310 or 340 line printers can match your exact requirements. You pay for what you need — not a penny more.

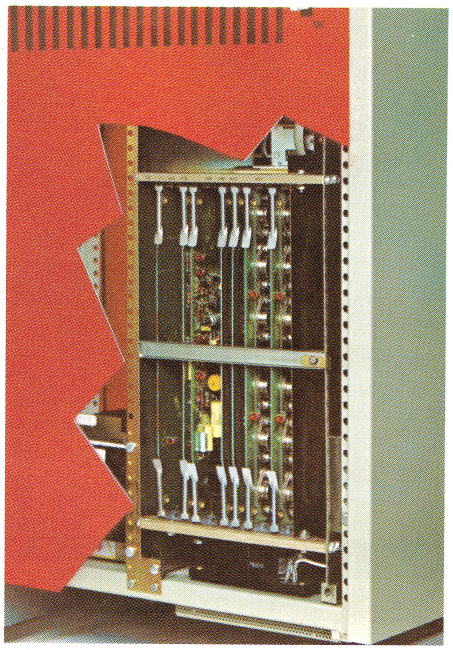
Choice of throughput — you pay for what you get

The line rate for the new TermiNet line printers varies with the number of printable characters per line and the size of the ASCII subset. For example, the TermiNet 340 line printer's throughput for a 64 character ASCII subset averages 340 lines per minute when 90 or fewer characters are printed on a line. This includes one line feed per line. Printing 132 characters per line, the throughputs for the TermiNet 310 is 115.9 lines per minute and for TermiNet 340 is 231.8 lines per minute. This kind of ***real*** throughput makes it possible to select the exact line printer for your needs (A typical print rate curve for the line printers is shown on the back page for further clarification.).

Small in Size — Big on Performance

Don't let the size of these new TermiNet line printers fool you. They're real workhorses. Drawing on over 12 years of experience in large-scale, integrated circuitry and rotating belt mechanisms from the TermiNet 300, 1200 and 120 printers gives our line printers a proven track record to run on.

Over 100,000 of their predecessors have been installed, logging millions of hours of successful operation helping businesses throughout the world improve productivity. In every sense of the word these are ***true*** line printers. Small and quiet. Rugged and reliable. With fully formed character printouts that are distinct and straight.



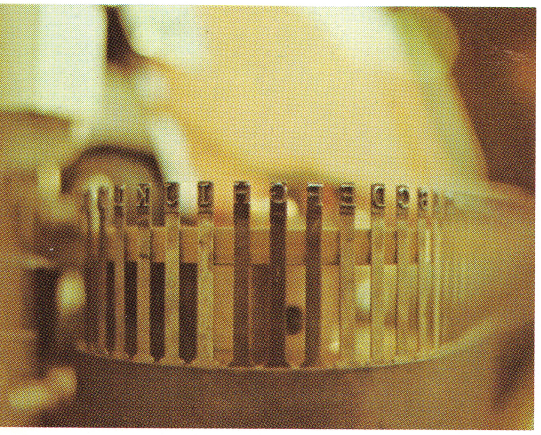
Commonality of Parts — Good for Resellers Good for Users

Two of every three parts for these new line printers are common among the TermiNet 300, the 1200 and the 120 belt printers.

High inventory costs can be kept to a minimum for resellers. Faster service and less downtime can be expected by users. Add commonality of parts to their modular design for easy accessibility and replacement . . . and that means you get on-line quicker and stay on-line longer.

Belt Mechanism Advantages

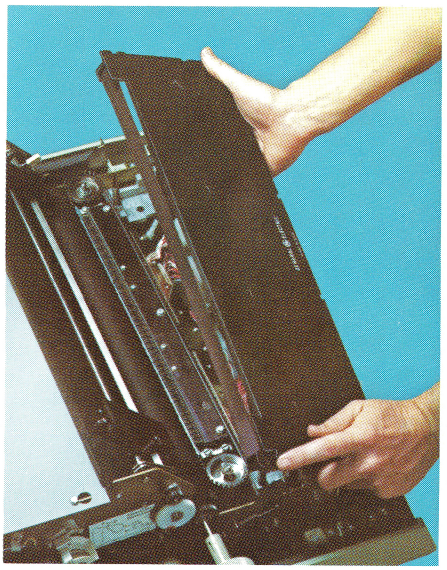
Quiet. Reliable. Versatile. Serviceable. Excellent print quality.



All these advantages are wrapped up in the belt mechanism used in TermiNet printers. Individual fingers are easy to replace. Special characters like foreign languages or oversized print are simple, inexpensive options. Over 700 individual characters are available.

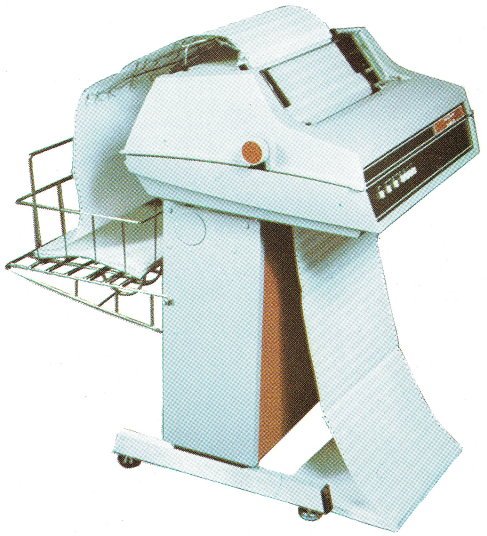
Ribbon Cartridge — An Operator's Dream

Operators really appreciate this unique ribbon cartridge. It can be replaced in less than a minute. Cleanly. Easily. But, with the Mobius loop feature even this simple task isn't done often. The TermiNet ribbon cartridge has an unparalleled life span. Typically, you can expect a life of 100 million print characters. Or more than 500,000 typical lines.



Forms Versatility — A Programmer's Dream

There's very few restrictions on the number of different forms you can handle with these new line printers. Six part forms can be used, an original plus five copies with excellent print quality. There are adjustable tractors for centering forms three to 15 inches wide. Vertical format is standard. Horizontal spacing is 10 characters per inch with six lines per inch vertically. And, you can either rear load or front load (recommended for multi-part forms).



Variety of Interfaces

Interfaces are available for the following types of hardware:

MINI-COMPUTER PERIPHERALS
Parallel (INT) GE Standard
Buffered Parallel (BPI)
Unbuffered Parallel (UPI)
Buffered Closed Loop Serial (BSI)
Unbuffered Closed Loop Serial (UFI)

CRT-HARD COPY
Buffered Parallel
Buffered Closed Loop Serial
Unbuffered Closed Loop Serial

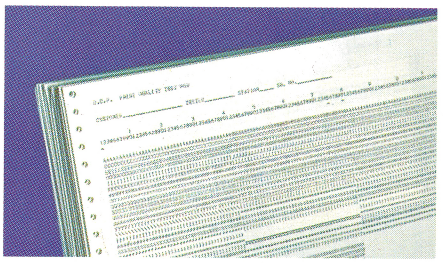
OFF-LINE PRINTERS
Buffered Parallel
Buffered Closed Loop Serial

BROADCAST SYSTEMS
Buffered Closed Loop Serial
Unbuffered Closed Loop Serial

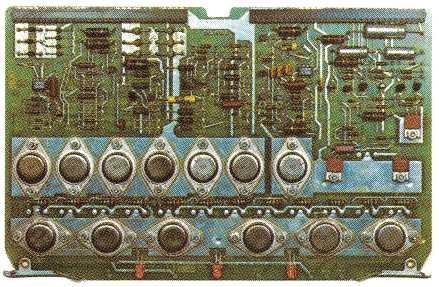
COMMUNICATION CONTROLLER
Parallel

Troubleshooting — A Maintenance Dream

GE's new family of TermiNet line printers is human-engineered for easy on-the-job testing and troubleshooting.



A test button on the control panel provides rapid checkout of printer action. Staggered or "ripple" test pattern will print continuously as long as TEST is activated.



To simplify troubleshooting there are 14 light emitting diodes (LED's) conveniently located on the outside of four different circuit boards which quickly indicate malfunctions.

Should you need service, GE's nationwide service organization is ready. At 96 locations, fully trained and qualified servicemen are on call to diagnose and solve your printer problems. Parts available in Europe. Sales and service world-wide through GE authorized distributors.

Specifications

Transmission

Code:	ASCII
Interface:	Parallel or serial interfaces, buffered and unbuffered, special interfaces on request
Data Transfer:	Up to 60k char/per sec. parallel, up to 9600 baud serial

Printing

Type:	Impact: up to six part form (original plus five copies)
Spacing:	10 Characters/Inch horizontal 6 Lines/Inch vertical
Line Length:	132 print positions
Paper:	Printer uses adjustable pinfeed paper tractor for use with continuous form sets or other fanfold edge punched paper from 3″ to 15″ wide (maximum form set thickness of 0.025″)
Available Characters:	48, 64 or 94 printable ASCII graphics — other characters available
Speed:	(See chart)
Ribbon:	Enclosed "mobius" loop cartridge, nylon, with reinker, ¾″ x 65 yds.

Operator Controls (standard interface)

Switches:
- Power, "On-Off"
- Paper Advance Knob
- Horizontal Vernier Adjustment
- Print Column Scale

Pushbuttons:
- Motor On
- Motor Off
- Form Feed
- Line Feed
- Test
- Here Is
- Interrupt

Indicators:
- Motor On/Off
- Ready
- Alarm

Electrical

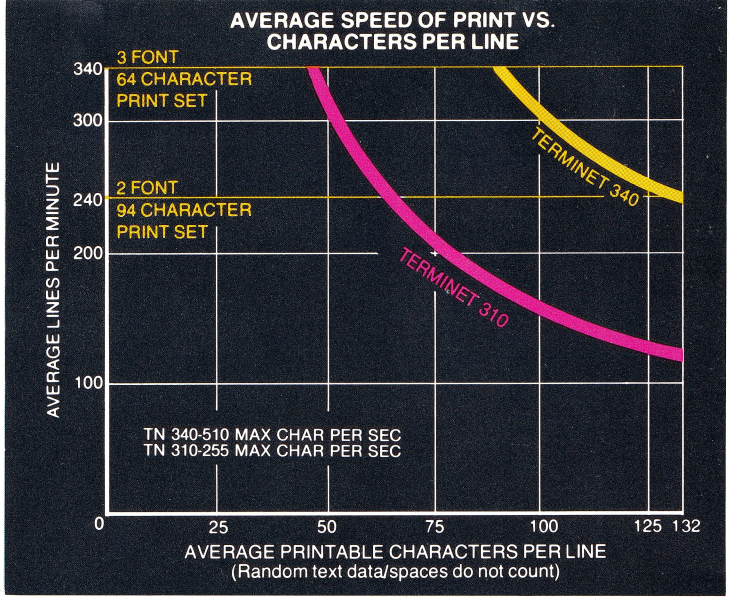
117VAC ± 10% — single phase
Optional: 100/117/200/220/240 ± 10% — single phase
50/60Hz ± 1Hz
350 watts

Physical

Depth 29.32″ (74.2 CM)
Width 26.14″ (66.4 CM)
Height 37.8″ (96.0 CM)
Weight 165 lbs. (75 KG) — Domestic Model
180 lbs. (82 KG) — International Model

Operating Environment

Temperature:	+ 32F to + 110F (0 C to 43 C)
Humidity:	5 to 95%
Altitude:	0 to 12,000 ft. (0 to 3,650 M)



The print rate for TermiNet line printers varies with the number of printable characters per line and the size of the ASCII subset used. Analysis of the typical rate curve shows that TermiNet 340 throughput for the 64 character ASCII subset is an average of 340 lines per minute when there are 90 or fewer characters printed on a line. This includes one line feed per line. Minimum throughput is 231.8 lines per minute when printing characters in all 132 columns. The printer may be optionally equipped with a four-font print belt (48 character ASCII subset) to print at speeds to 425 lines per minute (not shown above).

DATA COMMUNICATION PRODUCTS BUSINESS DEPARTMENT
WAYNESBORO, VIRGINIA 22980
Phone (703) 949-1474

GE TermiNet printers are available from many major suppliers of computers, computer-time sharing services, data communication systems and leasing companies.

Contact in U.S.A.: Your local GE Data Communication Products Sales Offices; **In Canada:** Canadian General Electric Co., Ltd., 396 Attwell Drive, Rexdale, Ontario, Canada M9W 5C3; **Outside of U.S.A. and Canada:** International Sales, Waynesboro, VA 22980.

GENERAL ELECTRIC

For your special kind of needs- a special kind of printer

DCP-1220D
4/82 (5M)

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